

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yasuhiro NAKANO et al.

Group Art Unit: Unknown

Serial No : 10/567,022  
(National Stage of PCT/JP2004/011165)

Examiner: Unknown

Filed : February 3, 2006

For : COMPOSITE POROUS MEMBRANE AND PROCESS FOR  
PRODUCING THE SAME

**INFORMATION DISCLOSURE STATEMENT**

Commissioner of Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AMENDMENT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached Form PTO-1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached Form PTO-1449.

Applicants note that copies of the International Search Report, in English and Japanese, were provided with the application as filed.

With the exception of U.S. Patents, copies of the listed documents are attached.

Polymer Preprints, Japan Vol. 50, No. 12 (2001), p 2804, with a partial English translation, discussed in the specification, beginning at page 8, line 14.

Polymer Preprints, Japan Vol. 51, No. 5 (2002), p 961, with a partial English translation, discussed in the specification, beginning at page 8, line 14.

Saishin-igaku Vol. 58, No. 1 (2003), p. 63, with a partial English translation, discussed in the specification, beginning at page 19, line 14.

JP 2001-252540 A with an English language abstract, listed in the International Search Report, a copy of which was provided with the application as filed. The Examiner is invited to review the Search Report to ascertain the relevance attributed to the document during the International Stage.

JP 7-204477 A with an English language abstract, listed in the International Search Report, a copy of which was provided with the application as filed. The Examiner is invited to review the Search Report to ascertain the relevance attributed to the document during the International Stage.

JP 2-180625 A with an English language abstract, discussed in the specification, beginning at page 6, line 9.

JP 56-135525 A with an English language abstract, discussed in the specification, beginning at page 6, line 23.

JP 2001-157574 A with an English language abstract, discussed in the specification, beginning at page 10, line 5.

WO 87/05812 A with an English language abstract, discussed in the specification, beginning at page 12, line 16.

U.S. Patent No. 4,936,998, which is an English language family member of WO 87/05812.

U.S. Patent No. 5,298,165, discussed in the specification, beginning at page 12, line 16.

JP 5-34337 A with an English language abstract, discussed in the specification, beginning at page 12, line 19.

JP 54-46811 A with an English language abstract, discussed in the specification, beginning at page 14, line 19.

JP 2003-149096 A with an English language abstract, discussed in the specification, beginning at page 14, line 19.

JP 2004-236788, and a machine translation thereof, based upon JP 2003-27929, which is listed in the Declaration – Supplemental Priority Data Sheet, filed with the application.

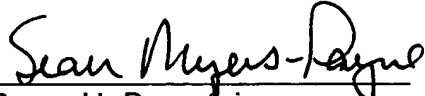
This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute “prior art.” If the Examiner applies any of the listed documents as prior art against any claims in the application and Applicants determine that the cited documents do not constitute “prior art” under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one

or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to Deposit Account No. 19-0089.

Respectfully submitted,  
Yasuhiro NAKANO et al.

  
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FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P29235	Application No. 10/567,022
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant Yasuhiro NAKANO et al.	
		Filing Date February 3, 2006	Group Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4 9 3 6 9 9 8	06/26/90	NISHIMURA et al.			
		5 2 9 8 1 6 5	03/29/94	OKA et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	2001	- 2 5 2 5 4 0	09/18/01	JAPAN			
	7	- 2 0 4 4 7 7	08/08/95	JAPAN			
	2	- 1 8 0 6 2 5	07/13/90	JAPAN			
	56	- 1 3 5 5 2 5	10/23/81	JAPAN			
	2001	- 1 5 7 5 7 4	06/12/01	JAPAN			
	8	7 / 0 5 8 1 2	10/08/87	W.I.P.O.			
		5 - 3 4 3 3 7	02/09/93	JAPAN			
	54	- 0 4 6 8 1 1	04/13/79	JAPAN			
	2003	- 1 4 9 0 9 6	05/21/03	JAPAN			
	2004	- 2 3 6 7 8 8	08/26/04	JAPAN			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	Polymer Preprints, Japan Vol. 50, No. 12 (2001), p 2804, with a partial English translation.
2	Polymer Preprints, Japan Vol. 51, No. 5 (2002), p 961, with a partial English translation.
3	Saishin-igaku Vol. 58, No. 1 (2003), p. 63, with a partial English translation.
4	English Language Abstract of JP 2001-252540.
5	English Language Abstract of JP 7-204477.
6	English Language Abstract of JP 2-180625.
7	English Language Abstract of JP 56-135525.
8	English Language Abstract of JP 2001-157574.
9	English Language Abstract of W.I.P.O. 87/05812.
10	English Language Abstract of JP 5-34337.
11	English Language Abstract of JP 54-046811.
12	English Language Abstract of JP 2003-149096.
13	Machine translation of JP 2004-236788 <i>Emp</i>

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.